

## IN THE CLAIMS

Please amend claims 2 and 4 as follows:

1. (Previously presented) A process for controlling the applications that a computer user may run on a multi-user system, comprising the steps of:
  - automatically using a security executable on the multi-user system in user mode to create a list of authorized applications in a database of the multi-user system for the computer user when the computer user logs on to the multi-user system;
  - attaching a hook function in user mode to all new applications;
  - employing the hook function whenever a new application is started to send a message to the security executable in user mode, said message including the ID and path of the new application;
  - receiving said message from the hook function at the security executable and correlating to said list to determine whether the new application is authorized;
  - answering the message by the security executable when the new application is authorized and;
  - stopping the new application when the new application is not authorized.
  
2. (Currently amended) A ~~software~~ system for controlling the applications that a computer user may run on a multi-user system, comprising:
  - a security executable in user mode for creating a list of authorized applications in a database of the multi-user system for the computer user;
  - a first program module for automatically attaching a hook function which is automatically attached to all new applications in user mode when the computer user logs on to the multi-user system ~~and~~ ;
  - means for querying an ID of each said new application; and
  - a second program module means for communicating with said first program module by sending a message with the application ID and the path of the application being examined, ~~said second program module~~ using a said security executable ~~on the~~

~~multi-user system in user mode to build a list of allowed applications in a database of the multi-user system, retrieve ;~~

~~means for retrieving the ID of each new application from said first program module, terminate ;~~

~~means for terminating each new application not identified on said list of allowed applications[[,]] ; and~~

~~means for answering a message from said first program module when the application is identified on said list of allowed applications.~~

3. Cancelled.

4. (Currently amended) The software system for controlling the applications that a computer user may run according to claim 2, wherein said ~~first program module~~ hook function is attached to said new applications by using a system dynamic link library.

5. Cancelled.

6. Cancelled.

7. Cancelled.

8. Cancelled.

9. (Previously presented) A process for controlling the applications that computer users may run on a network environment, comprising the steps of:

using a security executable on the multi-user system in user mode to create and maintain a list of authorized applications in a database of the multi-user system and IDs for each computer user when the computer user logs on to the network;

attaching a hook function to all new applications;

monitoring all new applications that are started with the hook function and determining an application ID thereof;

receiving said application ID from the hook function by the security executable;  
determining whether the application ID of each started application is on said list;  
allowing said application to continue when its application ID is on the list; and  
terminating said application when its application ID is not on the list.